



### Project Purpose

The purpose of the project is to improve safety conditions along the roadway corridor by addressing recurring accident patterns, as well as to accommodate alternate modes of travel.



### Project Background

- 1997 DelDOT identifies the one-mile section of SR 41 south of the Pennsylvania State line as a "high accident" segment under their Highway Safety Improvement Program (HSIP)
- April 2000 -DelDOT engages the community to form a Community Working Group (CWG) to develops a consensus plan for corridor improvements
- May 2000 through April 2001 The Project Team identifies the Preferred Alternative for corridor improvements and completes the planning and concept development phase. Funding for the improvements to complete final design and construction is secured
- January 2002 through July 2004 Final design is completed, including right-of-way acquisition and environmental permitting
- November 2004 through December 2005 Construction Activity



### **Construction Activities**

### Fall 2004 (advance work)

- Pavement Resurfacing from Valley Road to PA Line
- > Pavement Milling from Shoppes of Coffee Run to Valley Road
- Railroad Crossing Upgrade (WWR Initiative)

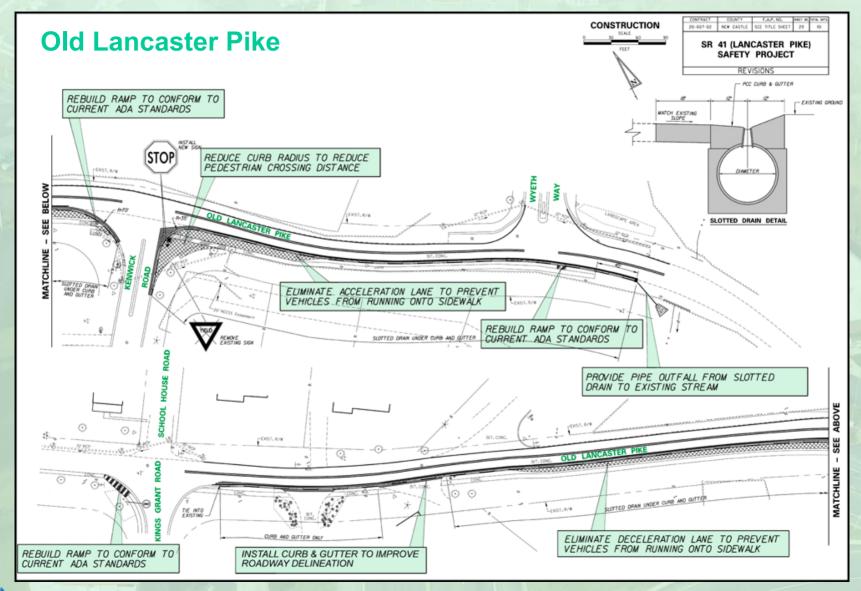
#### November 2004 to March 2005

- Utility Relocations
- Off-roadway Construction Work

### March 2005 to December 2005

- Main Roadway Construction
- Additional Utility Relocations







#### **Landscaping Approach**

- Consistent Theme Throughout Corridor
- Creating a "Sense of Place/Arrival"
- Plant Selection based on:
  - Maximum Color
  - **Drought Tolerance**
  - Seasonal Bloom
  - Spring/Summer/Winter Color
- Sustainable Landscapes
- **Cross Mitigation with Forest Conservation &** Landscape Planning



**Red Twia** Dogwood



Lillyturf/ Stella D'Oro Day Lily

Cherry

#### **Landscape Details**

- Median Treatments
  - Stella Doro Day Lilly
  - Liriope Lillyturf
  - Daffodils
- Driveway/Entry Treatments
  - Juniper
  - Black-Eyed Susan
  - Lillyturf
- Landscape Node
  - Yorklyn Road
    - Replace Existing Plants
    - · Create Pedestrian Node
    - Ornamental Landscaping
    - Benches
    - Brick Paving
    - Retain Flagpole

Typical Median Treatment







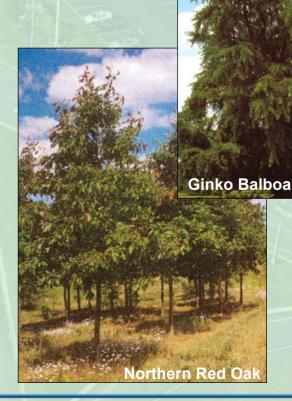


Lancaster Pike/Yorklyn Road
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#### **Forest Conservation**

- Compliance with Delaware's Landscaping & Reforestation Act
- Removal of Trees for Roadway Construction Requires Replanting
- Mitigating loss of Forest Vegetation through Landscaping
- Reforest Along SR41 Corridor
  - Native Species
  - Canopy- Oaks, Ash, and Maple
  - Understory- Serviceberry and Red Bud
  - Shrubbery- Spicebush





**Red Maple** 

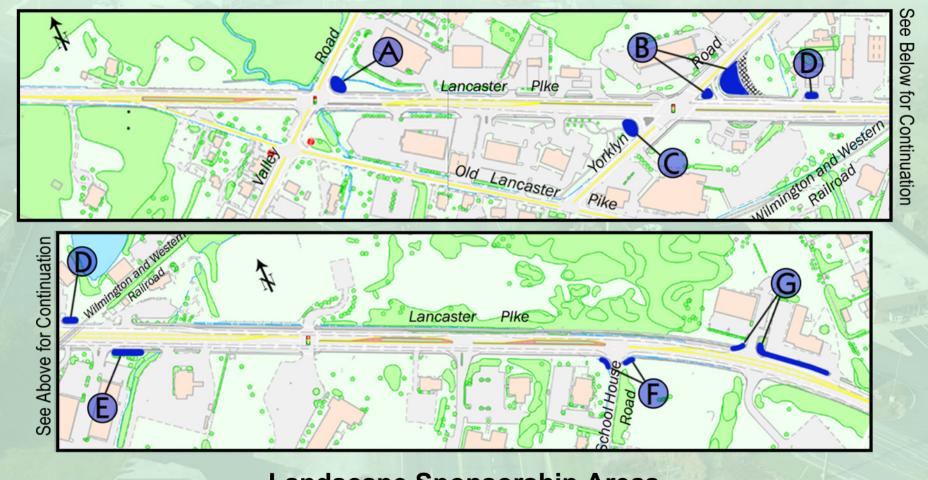




#### **Summary of Landscape Sponsorship Areas**

	AREA	LOCATION	AREA (SF)	PLANTING TYPES	REQUIREMENTS
А	Yorklyn Road Intersection	SW Corner Landscape Area	1,360	Stella De Oro Daylily, Big Blue Liriope, Carlton Daffodil, Wiltonii, Isanti, Shenandoah	Trash cleanup, weed pulling, mulching
В	Wilmington and Western RR Crossing Vicinity (NB)	Adjacent to Exxon and Hartnett & Hartnett properties	1,225	Big Blue Liriope, Black Eyed Susan, Wiltonii	Trash cleanup, weed pulling, mulching
С	Wilmington and Western RR Crossing Vicinity (SB)	Adjacent to Vary and Hartfield properties	765	Big Blue Liriope, Black Eyed Susan, Wiltonii, Shenandoah	Trash cleanup, weed pulling, mulching
D	SR 41 Median at P.A.L Center	Median Landscaping	1,650	Stella De Oro, Carlton Daffodil, Big Blue Liriope, Wiltonii, Winter Red, Southern Gentleman	Trash cleanup, weed pulling, mulching
Е	SR 41 Median at Professional Building	Median Landscaping	1,390	Stella De Oro, Carlton Daffodil, Big Blue Liriope, Wiltonii, Winter Red, Southern Gentleman	Trash cleanup, weed pulling, mulching
F	School House Road Intersection	Entrance Treatment Landscaping	940	Big Blue Liriope, Black Eyed Susan, Wiltonii	Trash cleanup, weed pulling, mulching
G	Happy Harry's and Coffee Run	Entrance Treatment Landscaping	340	Big Blue Liriope, Black Eyed Susan, Wiltonii	Trash cleanup, weed pulling, mulching





**Landscape Sponsorship Areas** 



